

What is claimed is:

1. A locking structure for combining a hook and a hanging ring comprising:
a hook member having a cylindrical locking section extending from a top
5 thereof, the locking section including a through hole which runs radially
through a cross-section of the locking section;
a hanging ring including a ring coupler capable of being mounted onto
the locking section;
a screw nut having a plurality of radially distributed blocks formed on an
10 upper end thereof, spaces between adjacent blocks defining a plurality of
radially distributed retaining slots; and
a spring lock pin capable of being inserted into the through hole of the
locking section;
the locking section of the hook member being inserted through the ring
15 coupler of the hanging ring and connecting the screw nut, the screw nut
being twisted and moved along the locking section to align two opposite
retaining slots thereon with the through hole of the locking section, the
spring lock pin being inserted through the through hole and those two
opposite retaining slots so as to lock the hook member and the hanging
20 ring together;
whereby self-gravity of the hook member will cause the screw nut to
move downward with respect to the ring coupler of the hanging ring so
that the spring lock pin resists against an upper horizontal face of the
screw nut and thus secured, without a riveting mechanism in
25 conventional locking structures for combining a hook and a hanging ring
process.
2. The locking structure for combining a hook and a hanging ring of claim 1,
wherein the spring lock pin has a length equal to a diameter of the
30 radially distributed blocks so that the spring lock pin is not likely to
collide with a foreign object and falls off the screw nut.